(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 25 August 2005 (25.08.2005)

(10) International Publication Number WO 2005/077599 A1

(51) International Patent Classification7:

B24B 7/18

(21) International Application Number:

PCT/SE2005/000044

- (22) International Filing Date: 17 January 2005 (17.01.2005)
- (25) Filing Language:

Swedish

(26) Publication Language:

English

(30) Priority Data:

0400328-1 60/544,235 13 February 2004 (13.02.2004) 13 February 2004 (13.02.2004)

- (71) Applicant (for all designated States except US): HTC SWEDEN AB [SE/SE]; Box 69, S-614 22 Söderköping (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): THYSELL, Håkan [SE/SE]; Ågatan 25 A, S-614 34 Söderköping (SE).
- (74) Agent: AWAPATENT I LINKÖPING AB; Platensgatan 9 C, S-582 20 Linköping (SE).

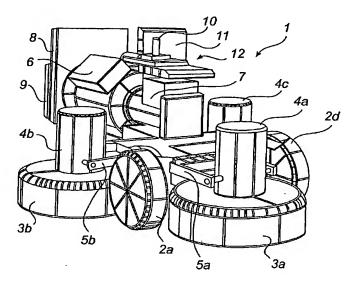
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: FLOOR PROCESSING MACHINE



(57) Abstract: A finishing machine (1) for finishing a work surface (20) which consists of a floor of terrazzo, marble, stone, concrete or the like, comprises at least two finishing units (3a, 4a; 3b, 4b; 3c, 4c, 300) which are supported by the frame (14, 100) of the finishing machine and which are arranged for grinding, polishing and/or machining of the work surface (20), and each machining unit comprises a motor (4a, 4b, 4c, 200) and a rotatably mounted working disc (41) driven by the motor. The finishing units (3a, 4a; 3b, 4b; 3c, 4c, 300) are individually tiltable relative to the frame (14, 100) about respective axes that are substantially parallel to the work surface (20).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.